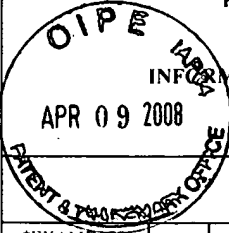


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|--|----|--|----------|------------------------------------|-------------|-------------------------------|-------------------------------|
|  <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)</p> | | | | ATTY. DOCKET NO. 690121.408USPC | | APPLICATION NO. 10/587,776 | |
| APPLICANTS Masato Miyake et al. | | | | | | | |
| FILING DATE June 18, 2007 | | | | GROUP ART UNIT 1642 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | | |
| | | | | | YES | NO | |
| | AB | WO 97/11604 A1 | 04/03/97 | WIPO | | | |
| | AC | WO 00/01836 A1 | 01/13/00 | WIPO | | | |
| | AD | WO 01/04268 A1 | 01/18/01 | WIPO | | | |
| | AE | WO 01/020015 A1 | 03/22/01 | WIPO | | | |
| | AF | WO 02/018609 A3 | 03/07/02 | WIPO | | | |
| | AG | WO 02/083854 A2 | 10/24/02 | WIPO | | | |
| | AH | WO 03/000297 A1 | 01/03/03 | WIPO | | | |
| | AI | WO 2004/061111 A1 | 07/22/04 | WIPO | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AJ | Aoki, Y. et al., "Potential tumor-targeting peptide vector of histidylated oligolysine conjugated to a tumor-homing RGD motif," <i>Cancer Gene Therapy</i> 8: 783-787, 2001. | | | | | |
| | AK | Baghdoyan, S. et al., "Quantitative analysis of highly parallel transfection in cell microarrays," <i>Nucleic Acids Research</i> 32(9): 1-8, 2004. | | | | | |
| | AL | Fortunati, E. et al., "A multi-domain protein for β_1 integrin-targeted DNA delivery," <i>Gene Therapy</i> 7: 1505-1515, 2000. | | | | | |
| | AM | Harbottle, R. et al., "An RGD-Oligolysine Peptide: A Prototype Construct for Integrin-Mediated Gene Delivery," <i>Human Gene Therapy</i> 9: 1037-1047, May 1, 1998. | | | | | |
| | AN | Kunath, K. et al., "Integrin targeting using RGD-PEI conjugates for <i>in vitro</i> gene transfer," <i>J. Gene Med.</i> 5: 588-599, 2003. | | | | | |
| | AO | Miyake, M. et al., "Transfection Array technology and the application for post-genetic research," <i>Tissue Engineering Research Center</i> , pp. 169-174, 2003 [Abstract]. | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s). | | | | | | | |

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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. | APPLICATION NO. |
| | 690121.408USPC | 10/587,776 |
| | APPLICANTS Masato Miyake et al. | |
| | FILING DATE | GROUP ART UNIT |
| | June 18, 2007 | 1642 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
| BA | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|-----------------|------|---------|-------------|----|
| | | | | | YES | NO |
| | BB | | | | | |
| | BC | | | | | |
| | BD | | | | | |
| | BE | | | | | |
| | BF | | | | | |
| | BG | | | | | |
| | BH | | | | | |
| | BI | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|---|
| | BJ | Moritz, T. et al., "Bone Marrow Extracellular Matrix Molecules Improve Gene Transfer into Human Hematopoietic Cells via Retroviral Vectors," <i>Journal of Clinical Investigation</i> 93(4):1451-1457, 1994. |
| | BK | Moritz, T. et al., "Fibronectin Improves Transduction of Reconstituting Hematopoietic Stem Cells by Retroviral Vectors: Evidence of Direct Viral Binding to Chymotryptic Carboxy-Terminal Fragments," <i>Blood</i> 88(3):855-862, August 1, 1996. |
| | BL | Mousses, S. et al., "RNAi Microarray Analysis in Cultured Mammalian Cells," <i>Genome Research</i> 13: 2341-2347, 2003. |
| | BM | Schneider, H. et al., "Targeted gene delivery into $\alpha_9\beta_1$ -integrin-displaying cells by a synthetic peptide," <i>FEBS Letters</i> 458: 329-332, 1999. |
| | BN | Yamauchi, F. et al., "Fabrication of Microarrays for Transfection of Nucleic Acids into Cells," <i>Polymer Preprints</i> 52(13): 3858-3859, 2003. |
| | BO | |

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).